

THE TECH BEATEN BY TECHNIQUE 6-0 IN BLOODY COMBAT

Yearbook Men Strongly Resisted
By Newsmen In Football
Match Saturday

VOO DOO BEATS T. E. N.

Comic Magazine Team Takes
Game From Engineering
News; Score 14-0

Playing against a team that was in all ways the better aggregation, the eleven of THE TECH was beaten by the squad representing the Yearbook by a score of 6-0. The game was played on Tech Field Saturday, immediately after Voo Doo had swamped T.E.N. 14-0.

In the first half *Technique* kicked off, and the ball was taken by Barker of the newspaper team. However, he was quickly stopped, and there resulted a series of scrimmages that proved that the *Technique* had a much stronger line and that the line of the newsmen was weak, particularly on the left side.

Feustel Makes Touchdown

No scoring was made during the first three quarters, both sides playing a very unscientific and ragged game, but in the last quarter a touchdown was made by Feustel, who played halfback in the *Technique* team. This was the only score made during the game, the kick failing to go over.

Voo Doo did a rather complete job of swamping the T.E.N. team, while making two official touchdowns and another or two that were called back. The outstanding play of the game was pulled when Anderson, the quarterback, ran back the kickoff for a touchdown. The other Voo Doo touchdown was the work of Britton, a full. After each touchdown the extra points were scored by rushes.

Technique Functions Well

In looking over the game, it was obvious that the men from the Yearbook played better football all the way through. The playing was much more consistent; less penalties were made due to a player's being offside; and a higher degree of coordination was observed. On the other hand the paper's team was noticeably ragged in its playing. The left part of the line, especially around the left tackle, was extremely weak. The backfield was apparently the only part that held up at all.

Both teams were made up mainly of

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President Compton To Preside at Open Meeting Next Week

Prominent Social Worker Will
Be Present To Speak
To Students

President Karl T. Compton will preside at an open meeting arranged by the Deputations and Meetings of the Technology Christian Association to be held November 23. Herbert S. Gott '10, the guest speaker, will address those present on the subject, "Rebuilding a Nation."

Mr. Gott has long been prominent in social work, having been the Estonian Secretary of the Y.M.C.A. for eleven years. During the World War he was in Russia doing social work. He will speak in Room 10-250 at 4 o'clock.

Speaks to Faculty Club

To arrange the details of the meeting, Mr. Gott will be at Technology today. At noon he will speak at a meeting of the Faculty Club. Professor Robert C. Eddy, chairman of the program committee of the Faculty Club; Fred R. Henderson '32, general manager of the T.C.A. Religious Division; Edward J. A. Kratt '34, of the T.C.A. Deputations and Meetings Division; and Wallace M. Ross, general secretary of the T.C.A., will also be present at today's meeting.

Next week's meeting will be one of several to be conducted by the Deputations and Meetings Division of the T.C.A. during the year. It is the purpose of the Division to have men who are specialists in their subject speak to the students on topics which will be interesting and instructive.

WRESTLERS PREPARE FOR ALL-TECH FRAY

Wrestling practice is well under way, and the candidates are enthusiastic about the coming All-Tech Wrestling Tournament which will take place December 7-10. Mondays, Wednesdays and Fridays the men practise in the Hangar Gym under the eagle eye of Coach Greene. The coach sends his charges through a regular training routine which consists of limbering-up exercise; working on holds for thirty minutes; doing calisthenics, pulling weights and jumping ropes; and running at least three miles, followed by a shower. The first intercollegiate tussle will take place on December 18, at Harvard, where the varsity and freshman teams will take on the respective teams representing Harvard.

Fifteen New Men Elected To Honorary Fraternity

At a dinner meeting of the members of Tau Beta Pi, held last Thursday evening in the Faculty Dining Room of Walker Memorial, fifteen new members were elected to the fraternity. Of this number twelve were Seniors:

Minot R. Bridgman
Ernst H. Anderson
John C. Rowe
Byron E. James
Willem J. Holst
Otway W. Rash
Rolf V. Wallin
Alfred A. Mulliken
Frederick C. Reese
George R. Daniels
Frederick R. Henderson
Glenn A. Lowery

The three Juniors are:

Fred P. Feustel
Richard L. Fossett
Duke Selig

Varsity and '35 Harriers Leave For I. C. 4A Meet

Fourteen Runners Make Trip
With Coach Hedlund For
Meet This Afternoon

Immediately after the Interclass meet Saturday afternoon, Oscar Hedlund, coach of the cross-country teams, announced the names of the men who would make the trip to New York to compete in the I.C.A. A.A.A. championship cross-country races this afternoon. The team left the South Station at ten o'clock the same night, in order to have a day's rest in New York before the race.

Among the men going are numbered Don Gilman, the captain, Jack Kearns, Paul Gerhardt, Johnny Barrett, Ellery Clark, Charlie Hall, and Goochy Smith. For the freshman race, there will be Capt. "Red" Holby, Chalmers, Horton, Lincoln, Root, Fenton, and Talbot.

After taking second place in the New England last week, Technology's chances look more brightly into being up in the count when the points are added up. If Don Gilman gets into the same frame of mind that he was in last Monday afternoon, there is a strong chance that he will be among the leaders of the immense van of runners.

Jack Kearns looks good; in fact he has looked good all season long, being a steady and reliable runner. In the Interclass meet Saturday, he ran a two-mile race that made the rest of the men despair, and seems to have enough left at the end of the hardest races to make the final sprint that counts. As well as these two veterans, there is Ellery Clark, who scored in the New England, and Paul Gerhardt, who has run for some time here at the Institute.

From last year's freshman team have come Charley Hall, Johnny Barrett, and J. G. Smith, each of whom is a strong runner and each of whom has been a counter in the recent cross-country meets. Last week Barrett was the third man in on the Technology team, when it was pitted against the best runners that New England could produce.

About the freshmen, there is little to predict, for all the men are new to the meet and it is one in which experience counts heavily. There are several good runners among the men, though, and they should show up well in the competition which they will meet.

New Map of Boston Placed At Main Library Entrance

There has recently been placed in the lobby of the Institute Library a new large map of the Boston area for students unfamiliar with this vicinity. The map is framed and under glass, and gives one an unusually good perspective of the main thoroughfares. In view of this fact, it is suggested that everyone entering the Main Library avail themselves of the opportunity of familiarizing themselves with their present surroundings, by pausing to look at the new map.

Group Fighting For Repeal of Volstead Act Starts Campaign

Crusaders To Begin Membership
Drive Among Technology
Students Today

Under the leadership of certain prominent undergraduates of Technology, a membership campaign of the Crusaders, a newly-founded anti-Prohibition society, already endorsed by Dean Clarence W. Mendell of Yale, and Dr. John G. Hibben, president of Princeton, will begin at the Institute today. It is expected that the entire student body will be solicited.

The organization, whose members are young men opposed to the Prohibition law, was started in Cleveland in January, 1930, and spread quickly throughout the country. Among the founders were Charles H. Sabin, Jr., John Hay Whitney, and Lamont du Pont, 3d.

It is allegedly a strictly non-partisan organization, with politicians barred from holding office. The officers receive no salary. The membership fee is one dollar.

According to leaders of the organization, membership has mounted to over five hundred thousand, although the order is but twenty-one months old. One battle-cry will be: "Ballots for temperance will end bullets for Prohibition."

A.I.E.E. Lecture Given Thursday For New Men

Roast Duck Dinner Served In
Walker after Lecture
And Movies

A free lecture and dinner, especially for freshmen and Sophomores, will be given on Thursday through the auspices of the Student Branch of the A.I.E.E. The lecture will be given by Mr. Edward S. Mansfield '96, at 5.15 o'clock in Room 10-250. The subject of the address will be, "Generation and Distribution of Electric Power, and Opportunities of Engineering Graduates in Public Utilities." After the lecture a film describing the activities of the Edison Illuminating Company entitled "More Power to You," will be shown.

A roast duck dinner will be served in the North Hall of Walker Memorial immediately after the picture in Room 10-250. Tickets can be obtained in Room 4-203 or from any member of the Executive Committee at any time before noon on Wednesday.

There will be a trip for all members of the A.I.E.E. on Monday, November 23, to the Edgar Station of the Edison Illuminating Company. Those desiring to go should sign up on the A.I.E.E. bulletin board as soon as possible. The trip will start from the Main Lobby at 2 o'clock, or any who cannot arrange this can meet at the plant at 3.15 o'clock.

BASKETBALL SQUADS PROGRESS RAPIDLY

The Technology varsity basketball team is progressing in its practice for the first game of the season, which comes on Saturday, December 5. The game is with Newport Naval, and will be played at home. The candidates are showing a real interest in the sport, for they are out practising almost every day, whether or not a regular practice is scheduled.

The varsity tossers are much farther advanced than the freshmen, who have had only five practices so far. Of these five, scrimmage was held during the last two. The varsity, however, have been scrimmaging regularly. The season is still too far off to decide who will be on the first team, but from the fine showing of all the candidates, a successful season can be hoped for.

There is a possibility that Coach McCarthy will not cut any freshmen from the sport completely. If possible, he plans to keep the most likely team members practising at the regular hours, with the less skilled men getting in their sessions at irregular times.

SOPHOMORES ROUT OTHER CLASSES IN INTER-CLASS MEET

Win Eight Firsts, Scoring Total
of 93 Points to Freshmen's
61 Points

LOCKHART IS HIGH MAN

Juniors In Third Place With
36½ Points, Seniors Last
Scoring Only 26½

Repeating last year's performance, the Class of '34 won easily over the other three classes, in the annual fall inter-class meet, held last Saturday afternoon on Tech Field, not only having the highest total point score but also counting among its members the men who did the high scoring for the afternoon.

Ernest E. Lockhart '34 was the high man for the meet with a total tally of twenty-four points. Among these were a first in the 220-yard low hurdles, and another in the shotput, a second in the high hurdles, and in the 220-yard dash, and thirds in the broad jump and javelin.

Sophomores Swamp Other Classes

Winning eight out of fifteen events alone, would give the second year men an edge in an ordinary point scoring system, but in this meet five places were counted, necessitating the taking of first and second, at least, to blanket an event. The total of the Sophomores was 93 points, with the freshmen trailing a bad second with only 61 points. The Juniors followed with 36 1-2 and the Seniors brought up the van with 26 1-2.

Judging both from the quality of the times turned in and the closeness of the competition, the 440-yard run and the two-mile run were most interesting. Walter Wrigley led almost all the way around in the 440-yard run, with Rudy Rosas following him closely, until the final stretch, when with a burst of sudden speed Rosas passed Wrigley, and held it to the tape. The two-mile run was almost as close and certainly had just as interesting a finish as the "440." Paul Gerhardt started breaking the way from the starting gun and continued to lead a terrific pace for three laps when he broke and had to drop out. Toward the end of the race, it became apparent that there was to be a battle between Charley Hall '34 and Jack Kearns '32.

Kearns took the lead as Gerhardt slowed down, and never gave it up; however, on the last lap both Kearns and Hall opened up and coming down the home stretch the race looked like the finish of a quarter. Time for this race was fast for the time of the season, and it indicated that the cross-country training is doing the men a great deal of good. Timers agreed after the race, that it was run in ten minutes and eighteen seconds, although there was a little doubt at first owing to some discrepancies.

Bell Takes Dashes Again

Dick Bell again proved himself the fastest dash man in the school by winning both the "220" and the century lengths. In both races he was developing a long lead over his nearest opponents when he reached the tape. At least eight or ten yards separated him from Keefe, the second man in the first heat of the hundred, and there was almost as great a distance between him and Wrigley in the

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BATON TO SPONSOR DANCE FOR CLUBS

In acknowledging the response for a dance similar to the one held last year, Baton will hold an informal dance Saturday, November 21, at North Hall of Walker Memorial. The dance is primarily to bring about better fellowship among the members of the Musical Clubs, and to promote closer cooperation. Tickets may be obtained at the Musical Club office or at the door Saturday night. Tickets are fifty cents a couple. A representative will call around at rehearsals with tickets for the members.

Pres. Compton Talks on Molecular Nature of Electrical Insulator

Address Given Friday Before
Faculty Club at
Harvard

At the fourth annual meeting and conference of the National Research Council on Electrical Insulation, Division of Engineering and Research, President Karl T. Compton addressed the gathering on the subject, "The Distribution of Electricity in Molecules." The meeting was held at the Faculty Club of Harvard University, Friday evening, November 13.

The address is as follows:

"By studying the electrical effect of placing any insulating material, solid, liquid or gas, between charged metal electrodes, a good deal of information can be obtained regarding the electrical constitution of the individual molecules of which the insulator is composed.

"This introduction of an insulator causes a reduction in the voltage difference between the electrodes. By observing the amount of this voltage reduction at two different temperatures, it is possible to calculate with what average degree of firmness the electrons in these molecules are held to their normal positions and also to calculate how far the 'center of gravity' of the electrons in the molecule is from the 'center of gravity' of the positively charged nuclei.

"It is thus found, for example, that molecules of ammonia, water, hydrochloric acid are electric doublets, i.e., are the electrical analogue of magnets, having positive and negative poles, whereas oxygen, ordinary insulating oils and benzene are non-polar, i.e., electrically symmetrical. Many important electrical properties of insulating materials are due to these polar or non-polar characteristics of the molecules. The information given by these studies is also valuable in testing theories of molecular structure and especially in determining the choice between rival theories.

"The interpretation of these electrical phenomena was first given by Professor P. Debye of Leipzig, formerly a visiting lecturer in Physics at Technology, and who is returning to the Institute next spring to take part in scientific conferences to be held in connection with the opening of the new research laboratories of Physics and Chemistry.

"Debye showed that two things happen when the insulator is placed in an electric field, that the electricity shifts its position in the molecules, and that the molecules themselves tend to turn around if they are electric doublets. Since Debye first promulgated his theory, the study of molecular structure by such methods has been actively carried on all over the world."

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PERSONNEL RELATIONS

PRESENT day industry has recognized the desirability, if not the necessity, of promoting the most faithful cooperation between employer and employee. The reign of "slave driving" is rapidly drawing to a close. In order that workmen may be content and yet give the most satisfaction to the management, and in order to hold the management in some check in determining standards and the minimum requirements per laborer, there has grown up a committee system, groups selected from the management and from the labor, to which are assigned the various problems arising between these two units.

Likewise, at Technology it has been realized that in an attempt to convey to the undergraduates the greatest benefits of a four-year program of instruction, the primary consideration should be to maintain an unselfish and mutual understanding between the Faculty and the student body. Out of this realization, and as the result of a sweeping investigation of student criticism a few years ago, the Student-Faculty Curriculum Committee has grown. This group, though it functions quietly and avoids the discussion of matters of too great import, has to its credit many noteworthy accomplishments in the improvement of courses and conditions which have been criticized by undergraduates. Membership in the Committee has not been limited to any particular number, but usually consists of seven or eight student members along with the five Faculty members.

However, as might seem to be the case, the meetings of this group do not furnish a mere outlet for petty complaints and grudges. It has been agreed that what matters are brought before the Committee shall have been sufficiently discussed before in the student body to such a degree as to insure the soundness of the arguments. As soon as a subject has received a proper pre-view, it is introduced into the discussion of the Committee, where facts and solutions immediately become the primary considerations. In these discussions what are believed to be proper solutions are set forth, and with these to work on, the Faculty members may introduce the matter before a Faculty meeting for conclusive action.

Obviously, to be of the greatest benefit to the student body the Student-Faculty Curriculum Committee must necessarily depend upon student interest and support. It therefore becomes our privilege to approach any member of this Committee to voice any suggestion or complaint we may have. Such a procedure in the end may be of tremendous good in strengthening the understanding between the Faculty and the student body, and in enhancing the real value of an education at Technology.

In order that the undergraduate body may be aware of the membership of this Committee, we are publishing elsewhere in this issue a list of the student and Faculty members.

IT'S REGRETTABLE, BUT . . .

WITHIN the past few years a new sport has come into the life of Technology and because it offers good exercise and competition between individuals, requires little personal equipment, and can be played by two men indoors, it has found favor with Faculty and students alike. Players far exceed the available supply of places for playing. Squash is referred to.

A month ago the Institute Committee petitioned the Corporation for additional squash facilities, an expenditure of \$27,000 being contemplated. At the meeting of the Institute Committee this last Thursday, a letter from President Karl T. Compton was read stating that in view of the present financial condition of the Institute no money was available except through a special appropriation. Because of the nature of the request and because there are many calls for additional facilities from the various departments of the Institute, he does not feel that he would be justified in recommending a special appropriation for this purpose.

In view of the popularity of the sport and fact that conditions are extremely crowded at the courts, it is regrettable that an appropriation cannot be made at this time. However, we trust the judgment of President Compton, realizing that his decision is made with a full understanding of the facts of the case and knowing that the petition will receive consideration at the earliest possible time.

Staff Members Create Novel Game of Identifying Out-of-State Auto Tags

Fun Began in Pre-Historic Times,
Before Era of Present
Graduates

Life has been flowing along rather serenely at this Institute of ours, so smoothly, in fact, that but the barest handful of students know and realize what a desperate life-and-death struggle has engaged the strength and resources of several of our professors.

On the fourth floor of Building 10 there is a room, the door of which bears the legend, "Research." Inside that innocent-looking door is a maze of scientific apparatus. Ah! but behind that bewildering display is a . . .

Where The Fun Started

About twenty years ago in a dim laboratory somewhere in the wilds of Boston, a group of four or five young men invented a novel game. In those prehistoric days (by prehistoric is meant the vague era before the present crop of Technology undergraduates was born) there were only some twenty-odd thousand registered cars in the entire Commonwealth of Massachusetts.

These men conceived the idea of attempting to see which of them could catch sight of the license plate bearing the largest number and to the man seeing either this number, or a plate bearing 22,222, fell the happy lot of consuming a free meal furnished by his companions. And as dinners in those days offered as the principal item real honest-to-goodness lager beer, well, suffice it to say that interest was extremely keen.

Several years ago the master mind of the above sport came to Technology. Here he found full rein for his originality. Working upon the assumption that all work and no play makes Jack a dull professor, he and some twelve other staff and research workers developed the following pastime.

OPEN FORUM

A FRESHMAN REPLIES

To the Editor of THE TECH:

In the November 6 edition of THE TECH, a fellow freshman voiced what I think was a ridiculously inane criticism of Technology, and deserving of more than the gentle reprimanding in the editorial of the same issue.

Had my disillusioned classmate but gazed at the base of the new dormitories, instead of the "pseudo-vases and chimneys" atop them, he would have noticed that ivy is beginning to creep up the sides of the buildings. These units are fairly new, and as ivy does not grow with the rapidity of Jack's beanstalk, a little patience is necessary before the walls are entirely covered. Granting that the aesthetic value of the new dormitories will be greatly enhanced when the walls are ivy-covered, as with the older units, the fact remains that even in their existing state, they hardly have the appearance of "cheap tenement houses in a large city." A criticism of this kind shows that the author has either never visited the poorer section of a large city, or else he is an extremely wealthy person. Were he the latter, the dormitories must naturally look rather insignificant in comparison to the palatial home in which he no doubt would live. It is unlikely, however, that the greater percentage of Technology men are so affluent supplied that they can afford to pay the rentals necessarily asked, to live in buildings designed by Stanford White or his prototypes, and appointed to the same standard.

The main buildings themselves are far from completed, and the backs of them, which have a "factory-like ugliness," will some day be enclosed by surrounding buildings. Even the edifices in New York, considered the world over as architectural masterpieces, have inner courts which certainly do not reflect the glory of their exteriors. They are designed efficiently, to give the most amount of light to those

Rules of the Game

On a blackboard in the aforementioned room is printed a list of all the States in alphabetical order. Opposite each name stands a small rectangle divided into two parts by a diagonal. Each upper triangle is colored with a shade corresponding to the color of the numerals in the license plate of the respective State, and the lower ones are tinted with the hue of the background. Still further on are ruled a number of squares. The scheme, this time, is to find which of the contestants can see licenses of cars from outside States and see them first.

If Professor "X" is the earliest one to see a car from North Dakota, he receives twelve points, and his insignia is placed in the first square opposite the North Dakota rectangle (in order to avoid confusion and to secure a more aesthetic effect, each man is assigned a definite color as an emblem). Should Professor "Y" chance to be the next one to see another car from the same State, eleven points are allotted him. There being twelve players, points range from twelve for first sight to one for twelfth. As Oregon issues plates during the month of July, two blocks are allotted her. The District of Columbia brings the total up to fifty.

Naturally the playing of the game is based upon the honor system, but each contestant must secure all details of the particular license tag which he may claim to have seen, noting the color of both numerals and background, and the general arrangement of its various parts. Boston is the happy-hunting-ground; game laws having been declared on all outside points.

There are no tangible prizes, the entire process begun merely to provide a safety-valve for men weary of listening to poorly-prepared recitations of even more wearied students.

working within the walls. The gaping public never sees this side. Is that putting on "false front" any more than is the case with an automobile under whose beautifully-colored and streamlined body lies an engine totally lacking aesthetic beauty, and designed only for efficiency?

It seems to me that there are many more worthy criticisms to be made of Technology, and THE TECH could do better than waste space by publishing so much bombast.

Sincerely yours,
JUSTIN H. BRIEFER '35.

R. O. T. C.

To the Editor of THE TECH:

The pros and cons of military science have been stated so often and in so varying form here at Tech, that it seems desirable to get at the truth of the situation.

Technology is a land-grant college, and as such it is not compelled by act of Congress or by any other Federal regulation to have compulsory military training for any length of time. Compulsory military training in land grant colleges is due to tradition and local enactments. So far as all Federal laws and enactments are concerned, Massachusetts Institute of Technology meets all its requirements for receiving Federal aid both from land-grant funds and from the War Department by offering optional courses in military affairs.

By way of elaboration, many land grant colleges have thought that the Morrill Act of 1862 compelled them to make drill compulsory. In 1923 Wisconsin challenged this tradition successfully. The Secretary of the Interior, who administers

Student-Faculty Curriculum Committee

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Professor Charles E. Fuller '92
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Away from the Grind

Goodhue's Orchestra played for the 123 couples who attended the Nautical Party held at the Sigma Alpha Epsilon House Friday evening. Mr. and Mrs. Frank B. Hodgdon were chaperones during the evening. All guests were dressed in naval and nautical costumes and the house was decorated with fittings and models to represent the interior of a ship. At the front entrance was a gangplank leading from the sidewalk into the house, and inside the house there were iron ladders leading to the upper floors after the fashion of deck ladders.

About 75 couples attended the Open House dance of Phi Kappa Sigma Friday evening, lasting from 9 till 1 o'clock. Mr. and Mrs. George Defren chaperoned while Roy Lamson's Harvardians played. The house was pleasingly decorated with colored lights and cut flowers. During the midnight intermission, refreshments were served.

With Ranny Week's dance orchestra supplying music, the formal dance held at the Phi Beta Epsilon house on Saturday evening lasted from 9 until 3 o'clock. Mr. and Mrs. Robert Everett acted as chaperones. The feature of the evening was the excellent ice cream served during the midnight intermission.

Wednesday afternoon, Armistice Day, Chi Phi entertained at a tea dance at the chapter house on the Fenway. The dance, lasting from four to six, and chaperoned by Mr. and Mrs. Erskine Kelly, was a closed affair. Music was furnished by the radio and victrola.

all land-grant monies, took the position that the law merely requires a college to offer a military course. Wisconsin has lost no funds by dropping compulsory drill. In 1923 a number of land grant colleges objected to the interpretation of the law made by the Secretary of the Interior and asked the Attorney-General of the United States to give his opinion. He did so in June, 1930, and worded his judgment even stronger than the Secretary of the Interior had done. In his opinion he also answers the argument prepared by the legal counsel of the University of Illinois in an attempt to show that the Morrill Act did compel compulsory drill. It is now perfectly clear from a legal standpoint that any land-grant college may drop compulsory drill if it wishes to do so.

As to finances, it has been rumored that Technology receives a substantial sum for

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YDIA
EE
LUNCHEON
Opposite Aeronautical Laboratory
REASONABLE RATES

STODDER

MEN'S SHOES

"Johnston & Murphy"

Shoes at new lower prices

In an earnest effort to meet present conditions we have re-priced this highest grade of men's footwear. Six styles are now available at this new price.

\$12.50

The "Envoy," a beautiful narrow toe model, in tan and black.
The "Highland," a handsome broad toe model in tan and black.
The "Mayfair," a new medium English toe model in tan and black.

COES AND STODDER

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Double Feature Extraordinary
fine arts
STATE THEATRE
BUILDING
Beginning
TODAY
A UFA PICTURE
"The Immortal Vagabond"
VIENNESE ROMANCE
—AND—
"BALINESE LOVE"
A PRIMITIVE SAGA
Entire Program English Dialogue

Second Year Men Win Inter-Class Meet With Ease

Sophomores Are Victorious In Majority of Events of Afternoon

(Continued from Page One)

final. In the 220-yard dash, Lockhart followed Bell to the finish, but at no time in the race did he threaten Bell's lead.

One of the first events of the afternoon to be run off was the high hurdle race. Only three men entered, and the field was dominated entirely by Crosby, who finished well ahead of Lockhart, his nearest rival. Bartlett, a freshman, pulled in with third in this race. The time for the race was 17 1-5 seconds.

Among the possible winners in the mile Mann stood well and expectations were not disappointed, for he finished first and more than ten yards ahead of Fleming, who ran in second place. The race was very nearly a Sophomore affair, with only fourth place, won by Tyburski '32, going to another class.

In the discus, the same thing happened, when the freshmen cleaned up the event entirely. Wedmann made the winning heave of 109.9 feet, and was seconded by Prestwich, Lippold, Stark and Fox.

In the low hurdles, Crosby and Lockhart reversed their order, and Lockhart took first, leaving second place for Crosby '34, and third and fourth to Bartlett and Nelson, freshmen. This race was more closely contested than the high hurdles, with one more man in the race making a fight for the lower places, as well as for first.

Everett Coon '33 won the high jump, clearing 5 feet 8 inches easily, to better the marks of all the other competitors. Coon holds the Institute record for this event, and certainly ought to better six feet in competition that warranted it. Second in the high jump went to Walker, with Crosby and Pierce tying for third, and Fox fifth.

Lockhart, putting the shot 33 feet 9 1-2 inches, took first in that event, and only three other men entered, Newman '33, in second place, Pierce '33 third, and Bartlett '35 fourth. The number of men entered in this event was not enough to warrant any particular showing of excellence, and the distances were notably poor, considering the calibre of competition which has existed from time to time on the team.

Ted Rimbach, who was playing in an inter-publications league football game at the same time, won the hammer easily with a throw of 114.6 feet. Reidell, a Senior, followed up on Rimbach for a second, with Prestwich and Crout, both freshmen, taking third and fourth.

Cree '32 and Pierce '33, tied for first in the pole vault, with jumps of 11 feet. Dick Morse '33, was third, and Stark '35, fourth. Pierce has been in the pole vault at the Institute for three years now, and Cree for four years, but their positions at the end of the jumping could not be anticipated beforehand.

Walter Wrigley made the crowd gasp again with his broad-jumping, and once or twice, it seemed as though he had broken his own record. Unfortunately, his best jump, which won the event, was several inches short of improving his old mark. The winning distance was 20 feet 4 1-2 inches. Sharpe, a freshman, made a pretty jump to land in second place, nosing out Lockhart, who held third place, and two more freshmen, Godinez and Holley, rounded out the list with fourth and fifth.

Ed Pierce, one of the Juniors' heavy scorers, came through in the javelin in a surprising manner, to win with a good throw of 130 feet. Trailing him were men who for the most part, have not been prominent in the javelin at all this year. Wrigley came close to Pierce's mark with a heave that netted him second, and he beat out Lockhart who had to be satisfied with third.

The summary is as follows:

120-Yard High Hurdles: Won by Crosby '34; Lockhart '34, second; Bartlett '35, third. Time 17 1-5.
100-Yard Dash: First heat, won by Bell '34; Keefe '35, second; Sharpe '35, third. Time 10 2-5s. Second heat, won by Wrigley '34; Kinraide '33, second; Holley '35, third. Time 11s. Final, won by Bell '34; Wrigley '34, second; Sharpe '35, third; Kinraide '33, fourth; Keefe '35, fifth. Time 10 2-5s.
One-Mile Run: Won by Mann '34; Fleming '34, second; Buresh '34, third; Tyburski '32, fourth; Ranger '34, fifth. Time 4m 52s.
400-Yard Run: Won by Rosas '33; Wrigley '34, second; Root, D. A. '35, third; Nelson '35, fourth; Geil '34, fifth. Time 53 4-5s.
Two-Mile Run: Won by Kearns '32; Hall '34, second; Clark '33, third; Barrett '34, fourth; Holby '35, fifth. Time 10m 18s.
220-Yard Low Hurdles: Won by Lockhart '34; Crosby '34, second; Bartlett '35, third; Nelson '35, fourth. Time 27 2-5s.
800-Yard Run: Won by Jewett '32; Mullikan '32, second; Boyajian '32, third; Daleda '34, fourth. Time 2m 9 4-5s.

THE TECH LOSES TO TECHNIQUE WARRIORS

Blood and Gore Mark First of Publication Matches

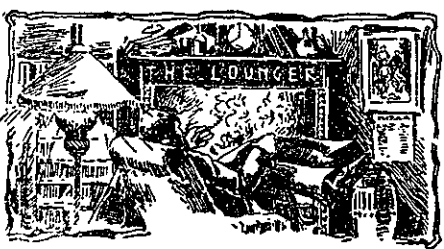
(Continued from Page One)

men who had had little or no football experience previous to playing in Saturday's game. The lineups of the teams follow:

THE TECH: Smith, c.; Krim, l.g.; Daniel, l.t.; Clewell and Hayes, l.e.; Plass, r.g.; Thayer, h.b.; Wehmiller, f.b. **Technique:** Heim, f.b.; Hapgood and Feustel, h.b.; Lyons, g.b.; Lappe, r.e.; Kusnitz, r.t.; Duntley, l.g.; Ellesen, Moss, c.; Bellinson and Loustanaun in the line.

Voo Doo: Chambers, l.e.; Harper, l.g.; Eddy, c.; Poze, r.g.; Heigenthal, r.t.; Havens, l.t.; Mills, r.e.; Anderson, g.b.; Richards, r.h.b.; Worcester, l.h.b.; Britton, f.b.

T. E. N.: Atkinson, l.g.; Wadhams, c.; Chase, r.g.; Bernstein, r.t.; Fulkerson, r.e.; Fink, g.b.; Lloyd, r.h.b.; Buchanan, l.h.b.; Cary, f.b.; Borger



A bit of news so trivial and to those who do not know, and that includes about half the Institute, so lacking in import as to be insignificance itself, has filled the Lounger with a joy supreme. Even the horribly yellow defection of the frosh on Field Day is lost in the turmoil of grand old memories inspired by the news borne on the wings of the wind that Filter Paper, that dear old smut sheet, is coming back.

Most colleges in the country indulge once a year in an orgy of frank expression during which they blow off steam at all and sundry gripes which may be bottled up in the course of the year. Filter Paper rides the prominent personages of the Faculty and student body with gay abandon. Some of them get sore about it, but most of them have poise enough to take it the way Bill Greene did, when Tech Show was lacerated, journalistically speaking. Bill said, "The Hell of it is; it's all true."

Hm, Hm. Speaking of Tech Show and Bill Greene reminds the Lounger that things in general are on the high road to Hades. Anything which shows the slightest tendency toward action soon dies a horrible death at this factory. With all a man's spare time spent in study, all his sleeping time spent in study, all his eating and study time spent in study, little time is left over to devote to an activity. Tech Show is gone. The Circus has gone. Filter Paper, like Phoenix, has arisen from the dead and will struggle some more. No more Wellesley women. No more songs. No more life. The Lounger knows what the result will be: every man will be packed in cotton and insulated from mechanical and thermal shocks. Food may be administered in liquid form with an eye-dropper at infrequent intervals. The resultant freak will be a whale of a mathematical whizz but a washout as anything else.

The Lounger hates to see Tech Show die, and sure hopes that someone will get behind Bill Greene and shove the idea of a new abridged version of the Show which will (as it should) pertain to Technology. In all probability the failure to make the show apply is the answer to its dismal flop. To quote what the Lounger said when reviewing last year's show, "It (the skit) depicted a flea-infested cannibal in quest of meat (all kinds.) Said cannibal is the only excuse this has for being called Tech Show, since the little guy turns out to be a Tech grad."

There is interest in Tech Show; there is a definite desire to keep it. In proof of this witness battle-scarred Bill's plan that it be given at Walker with a minimum of expense, witness the Lounger's present heat, and witness the two Sophs who popped into the Lounger's office to state that they wished they at least could be elected to Masque, which is the Show's honorary society. Corder, G.M., meaning Grand Mogul of Tech Show, says definitely no attempt will be made to have a show this year. But, says the Lounger, Corder is not Tech Show, and he bets that Bill, together with a crew of Sophs from last year's show and some frosh from Bill's classes and maybe an upperclassman or two, could put on a show. It might not be a Follies or Vanities or Scandals, but it would be a Tech Show.

Usually the Institute Committee is an army of deadheads, but this year certain signs of activity are manifest. This is the basis for a lurking, sneaking, faintly effervescent hope in the Lounger's tough and love-scarred cardiac pump. Maybe someone will have the guts and drive that Boyer had three years or so ago, and then we'll have a nice swell Circus or Carnival or what have you. Memories of that rainy night of long ago, when a ragged crowd of engineers filled the armory and no women were admitted, are still bright. The dipping bucket, the nigger dodger (who was a frat cook), the bar, the girl show, the art galleries, the strength machine, and all the preliminary ballyhoo about State cops and animal cages and merry-go-rounds, all these live again in retrospect, and the Lounger dissolves in tears at the thought of the lost glories of the past, and he sobs and slobbers as the wastebasket goes floating out the door.

CALENDAR

Monday, November 16

5.00 p.m. — Banjo Club rehearsal in East Lounge of Walker Memorial.

Tuesday, November 17

5.00 p.m. — Class of 1908 dinner meeting in Faculty Dining Room of Walker Memorial.
5.00 p.m. — Pi Delta Epsilon meeting in West Lounge of Walker Memorial.
6.00 p.m. — Civil Engineering Society dinner meeting in North Hall of Walker Memorial.
6.00 p.m. — Instrumental Club rehearsal in East Lounge of Walker Memorial.
6.00 p.m. — Alpha Phi Delta business meeting in Grill Room of Walker Memorial.

Wednesday, November 18

8.00 p.m. — Faculty Club dance in Main Hall of Walker Memorial.

Theta Chi calls it "anointing" . . . there are two more sweethearts of the steam lab . . . they are not of the steam lab at all . . . does Voo Doo's managing board know of the forthcoming change in a later issue (that is already planned) . . . the Lounger lost his slide rule (an old war-torn K. & E. Polyphase Duplex without a runner) . . . all the work and responsibility for running Course 9 rest on one lonely little stenog since Dinty's illness . . . Willie Jackson knows a lot of dirt, too . . . people from Pittsburg speak English . . . the Lounger is not so old.

The feline up on the top floor of Walker seems to have thrown the fear of God into some Faculty members. That eminent metallurgist who gives part of "2.30" told a nice story the other day about the time he broke a cast-steel test specimen with his bare hands, almost, and found that there was nothing but emptiness inside. In conclusion, he said, "There's a lot I'd like to say, but those Voo Doo birds are too busy." Then, as an afterthought, "And I didn't say anything was cherry red, either." At least Eddie Miller doesn't let Voo Doo bother him.

The Lounger, in his ignorance, has always thought the Institute one of the last citadels of the he — an male — but even it is now succumbing to the urge of violent personal adornment. The latest type of ambulatory fire alarm that has come under his observation was the yellowest pair of stockings that ever encased the bow-legged underpinnings of a plus-four-clad engineer.

Another old illusion of the Lounger's, namely, that people didn't go to sleep in Tubby's classes, has gone by the board. One of his outposts tells him that at the conclusion of one of the G45 classes the other day, one of the members failed to raise his head from his arms. It was not revealed whether or not Tubby saw him or not, for he made no comment. The Lounger wishes he had, it would have been interesting.

Add pastimes of Economics instructors. Thresher was seen by some of his pupils kicking a beer bottle top through the corridor. Didn't anyone smell his breath?

They're getting younger and dumber every year. One of the freshmen snared by Phosphorus was out disposing of his quota of his allegedly humorous publication in the Steam Lab the other day. Disposing is what we mean; he was under the impression that Voo Doo followed the policy of THE TECH and gave away the first three issues of each term. Imagine the chagrin, anger, embarrassment, or what have you, when he reported back to Russ Eddy for more copies.

Over at B. U., they take themselves seriously. Some society or other decided to paddle certain young men for certain infractions, and they paddled them most thoroughly. The paddle-ees then saw a lawyer, who told them they had a good case. Huh! Can't college men even take a paddling any more? The Lounger wonders if Exhibit A will be produced in court.

SOUTH CAROLINA HAS FIRST NO-FUSE TOWN

Ridgeville, South Carolina, has the distinction of being the first town in which the distribution of electric current to domestic users does not involve the use of fuses in the household wiring circuits, which are protected, instead, by small circuit-breakers. This unusual distribution system proves to be advantageous to power companies, by enabling them to build up large rural loads without incurring correspondingly larger operative costs.

In small towns the size of Ridgeville, with a total of 250 consumers, the use of domestic breakers offered the only solution for dependable electric service, without the maintenance of a readily available service organization, as maintaining such a service organization would incur a prohibitive cost, inasmuch as in such a rural community some of the consumers live as far as fifty miles from the division headquarters of the power company.

The feature of the circuit breaker system is that after the circuit is broken automatically, it may be closed by any member of the household, simply by moving the breaker handle. This operation is no more difficult than opening or closing any type of switch handle.

OPEN FORUM

(Continued from Page Two)

offering Military Science as compulsory for a B.S. degree. In an official government report this amount is supposedly not in excess of the cost of the course offered at Technology. In other words, if the training were made elective, the Institute would lose no money from Federal sources.

It is clear from these facts that the Board of Trustees has been negligent in offering Military Science as compulsory. For instance, they could well afford to offer an option of International Law or Economic Development of the United States, which would greatly strengthen their present courses.

Sincerely yours,
E. L. HALL '33.

Several students at the University of Denver were recently held as suspects in the bombing of a nearby mountain. It seems the mountain contained the sacred "M" of the Colorado School of Mines, and the Denver boys were just getting the jump on their closest rivals.

DUKE UNIVERSITY SCHOOL OF MEDICINE Durham, N. C.

Applications for admission to the first and third year medical classes entering October 1, 1932, should be sent as soon as possible, and will be considered in the order of receipt. The entrance qualifications are intelligence, character, two years of college work and the requirements for grade A medical schools. Catalogues and application forms may be obtained from the Dean.

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OFFICIAL BULLETINS

OF GENERAL INTEREST

Colloquium

Electrical Engineering Department

Monday, November 16 and Tuesday, November 17, 2.00 p.m., Room 10-275

Mr. C. A. B. Halvorson, Consulting Engineer, Street Lighting Department, and Mr. E. M. Crawford, Street Lighting Department of the General Electric Company, will lead the colloquium on "Problems of Street Lighting Design."

Open to Seniors, graduate students, Junior honors students, and members of the instructing staff of the departments of Electrical Engineering and Physics.

Physics and Physical Chemistry

Harvard University

Monday, November 16, 4.45 p.m., Cruft Lecture Room

1. "The Use of Vacuum Tubes as Electrometers." Professor E. L. Chaffee.
2. "Isotopes and Band Spectra." Dr. J. L. Dunham.

Tea will be served at 4.15 in the Library of the New Physics Building.

Differential Geometry

Dr. D. J. Struik

Tuesday, November 17, 3.00 p.m., Room 2-235

Dr. Struik will deliver another lecture in his series on the history of differential geometry.

SIGMA NU DEFEATS THETA XI BY 28-0

Winners Show More Versatility Than In Game With Dorms

Scoring four touchdowns, two touchdown conversions, and one safety, the Sigma Nu football team overwhelmed the Theta Xi team, Armistice Day afternoon on Tech Field. While the score at the end of the first half was only 6-0, the Sigs came back in the second half to roll up 22 points, making the final score 28-0.

Showing a versatility lacking in their game several weeks ago with the dorms, each man in the Sigma Nu backfield composed of Hapgood, Mills, Brashears, and Richards, scored a touchdown. The outstanding linemen were Williams and Lawton while Wehmiller, Blake, and Cannon played best for the losers.

Despite the fact that both teams showed a decided lack of training, injuries on the whole were confined to those of the minor sort. Norcross of the Sigma Nu team suffered a broken nose on the second play of the game while Cannon of the Theta Xi's was dumped on his head on

the opening kickoff and later was taken home in a somewhat dazed condition.

Although the present football season is rapidly drawing to a close, the Sigma Nus are still desirous of playing any dorm or fraternity team. A game with the Delta Tau Delta's is pending, but no definite arrangements have been made.

The Class of 1933 at the University of Rochester has proposed that a Senate body be formed to govern the undergraduate body, rather than to have officers for the individual classes. The object behind the proposal is to eliminate much of the unnecessary politics involved in class elections.

Former pickpockets, forgers and safe-crackers will lecture at the recently-established University of Chicago School of Police Administration.

Infirmary List

Hartline, Ralphard W. '31
Harvey, Gardner '33
Schwarzenbek, Eugene F.
Waidehch, Alfred T.

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Representatives of G. E. to Lead Street Lighting Colloquium

Opening Discussion Under The Auspices of Course VI This Afternoon

"Problems of Street Lighting Design," will be the subject of the colloquium to be held today and tomorrow under the auspices of the department of Electrical Engineering and led by Mr. C. A. B. Halvorson and Mr. E. M. Crawford, of the General Electric Company. The discussion will be held from 2 to 4 o'clock, in Room 10-275.

This colloquium is open to Seniors, graduate students, Junior honor students of the departments of Electrical Engineering, Civil Engineering, Architecture, and Physics. It is now planned for a week earlier than that originally announced due to the enforced absence of Mr. Carhart on these dates. His colloquium is being arranged for the twenty-third and twenty-fourth of November.

As the presentation and discussion will occupy both days, students attending are expected to arrange their work so as to be present on both days, out of courtesy to the leader and in order that they may derive maximum benefit from the presentation.

The subject matter to be covered by Messrs. Halvorson and Crawford is indicated by the following outline:

1. Because of the various elements affecting visibility and the difficulty of evaluating them, we have found it advisable to discuss the effectiveness of illumination through the use of lantern slides illustrating the different points. The Illuminating Engineering Society, through its Street Lighting Committee, has issued a Code of recommended street lighting practice. However, there are many qualifying provisions and these will be fully covered under this head.

2. Types of light sources, their efficiency and method of utilizing and conserving the light, through the use of auxiliary equipment. Distribution and isocandle curves.

3. Method of calculating light intensity on street surfaces illustrated by actual application.

4. Street lighting circuits and their control.

The leaders suggest the following references which may be found near Mrs. Maynard's desk in the Central Library: Design of Luminous Arc; G. E. Review, December 1911.

Street Lighting Glassware; G. E. Review, August 1921 and May 1924.

Isocandles; G. E. Review, April 1925.

Haas and Read: Street Lighting Practice. Brightness of Street Surface as an Element of Effectiveness in Street Lighting; Trans. Illum. Engineering Society, November 1928.

Saving Social Waste by Better Street Lighting; Trans. Illum. Engineering Society, October 1931.

Street Lighting Code of the Illum. Engineering Society, October 1930.

Principles of Street Lighting, and Some Illuminating Engineering Aspects of Street Lighting; Report of the International Illuminating Congress, 1928.

Students who desire a personal interview with Mr. Halvorson or Mr. Crawford should leave their names with Miss Baker in Room 4-202 before 9.30 o'clock Tuesday morning.



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